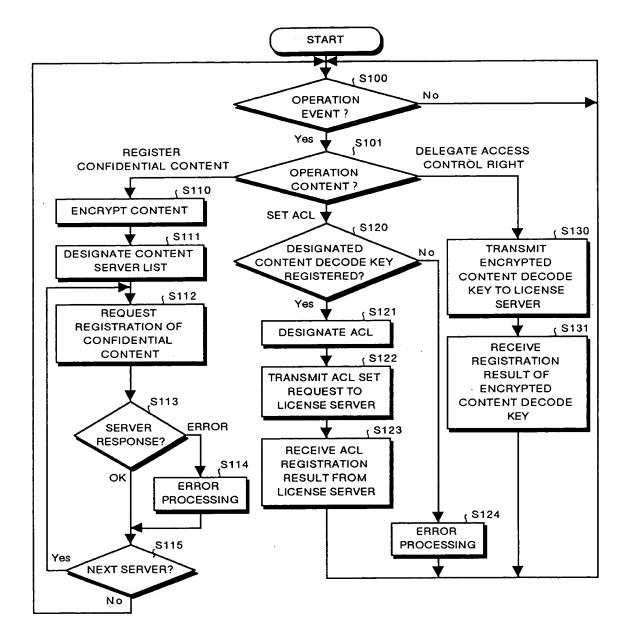




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FIG.2





# COESTAL OSCIO

ACCOUNT CONDITION VALUE	USAGE STATE
Max Count : MAXIMUM NUMBER OF OPERABLE SESSIONS   count : COUNT OF NUMBER OF OPERATIONS COMPLETE	count: COUNT OF NUMBER OF OPERATIONS COMPLETE
Max Length: MAXIMUM READ LENGTH	totalLen : READ LENGTH PLUS REQUESTED READ LENGTH
max TimeLen: MAXIMUM EXECUTABLE TIME	totalTime: EXECUTED TIME LENGTH
max Debt: CREDIT LINE (CHARGING CONDITION)	debt: OUTSTANDING AMOUNT(DEBT WHEN NEGATIVE)

PHYSICAL ENVIRONMENT SPECIFYING ELEMENT (PCSUE) CONDITION	PHYSICAL ELEMENT ID CLASS (PCSUE-IDCIass)
(1) COMPUTER BODY	PSN (PROCESSOR SERIAL NUMBER)
(2) PERIPHERAL DEVICES	DSN: DEVICE TYPE, SERIAL NUMBER
(3) MEDIA	MSN: MEDIA TYPE, SERIAL NUMBER
(4) IC CARD	certificates: CERTIFICATES ISSUED BY IC CARD
(5) HUMAN BODY PARTS (FINGERPRINTS, IRIS, etc.)	body Parts: BODY PARTS (FINGERPRINTS, IRIS, etc.) AUTHENTICATION INFORMATION
(6) PERMITTED TIME ZONE	time Period: TIME POINT (LOCAL CLOCK, GPS, etc.)
(7) NETWORK DOMAIN	MACAddress: MAC ADDRESS
(8) GEOGRAPHICAL POSITION (COUNTRY OF USAGE, etc.)	location: GPS/PHS DETECTION POSITION
(9) HUMAN MEMORY	user-ID WithPwd: USER'ID AND PASSWORD
(10) GROUP	group: SET OF PHYSICAL ELEMENT IDS

FIG.4

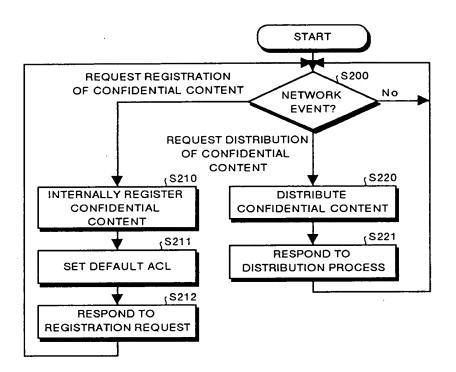
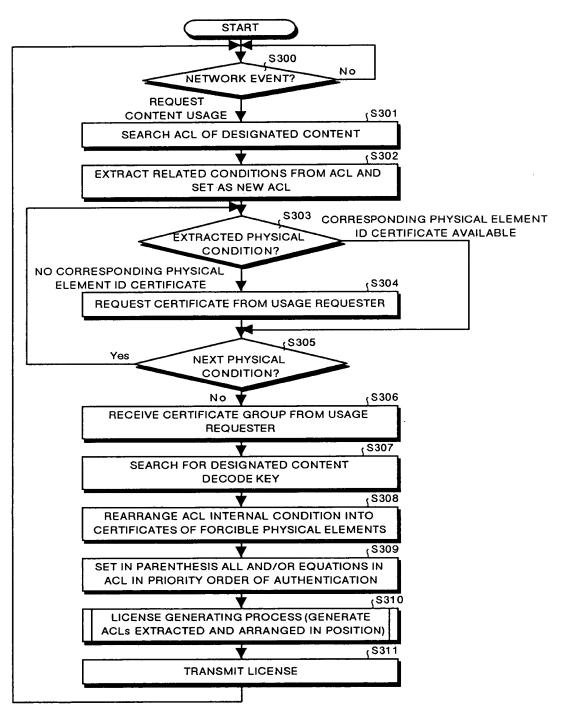
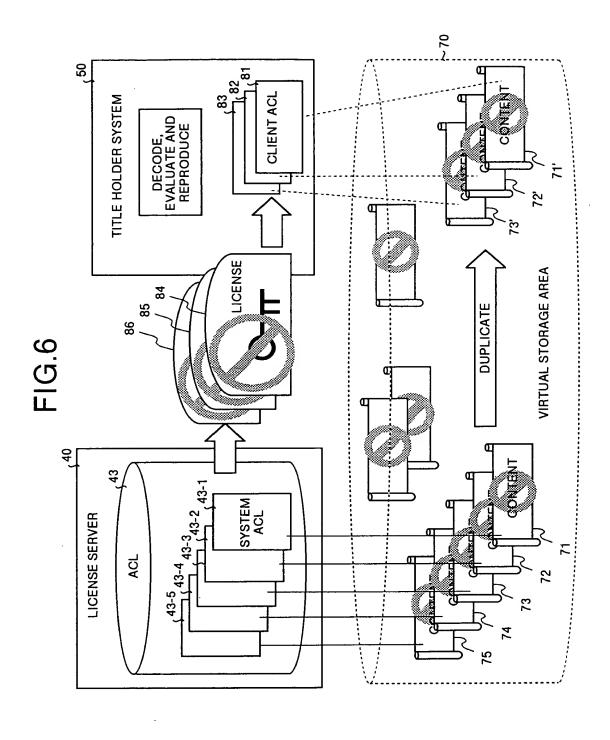


FIG.5





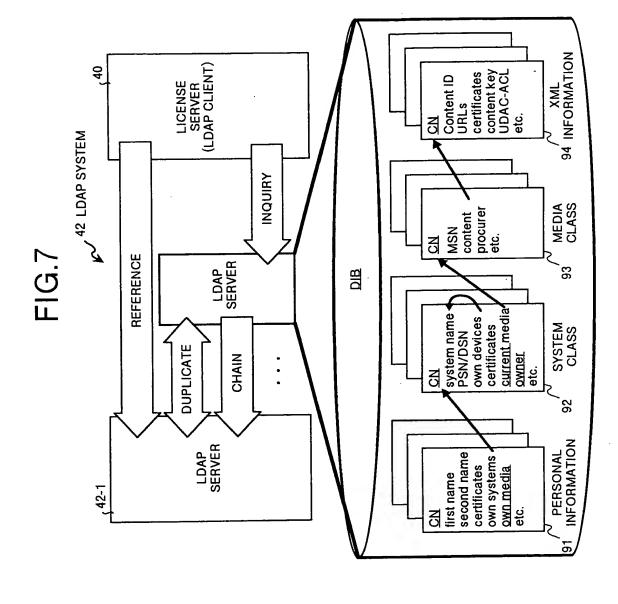




FIG.8

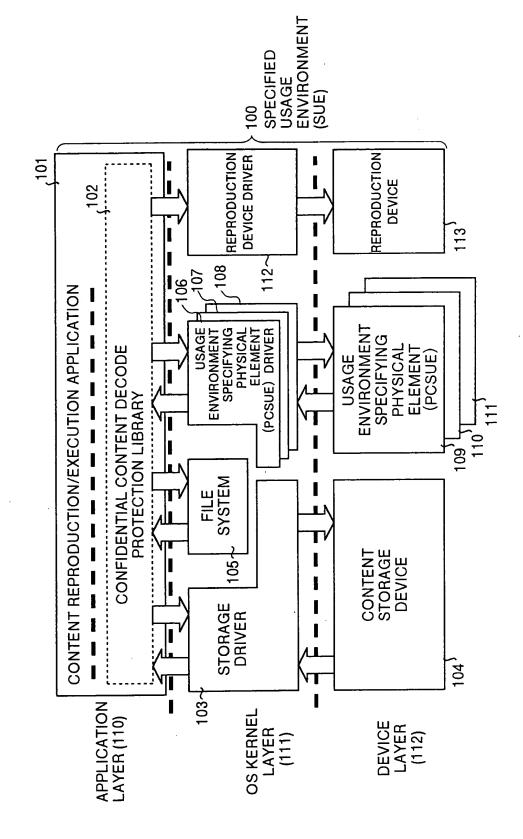
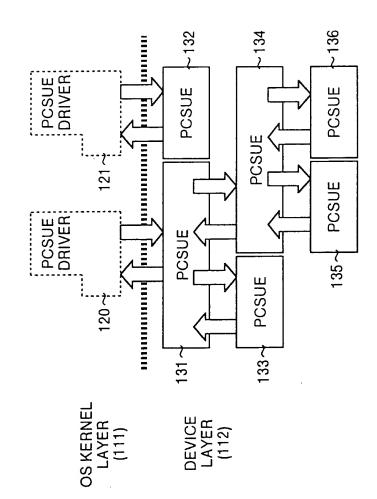
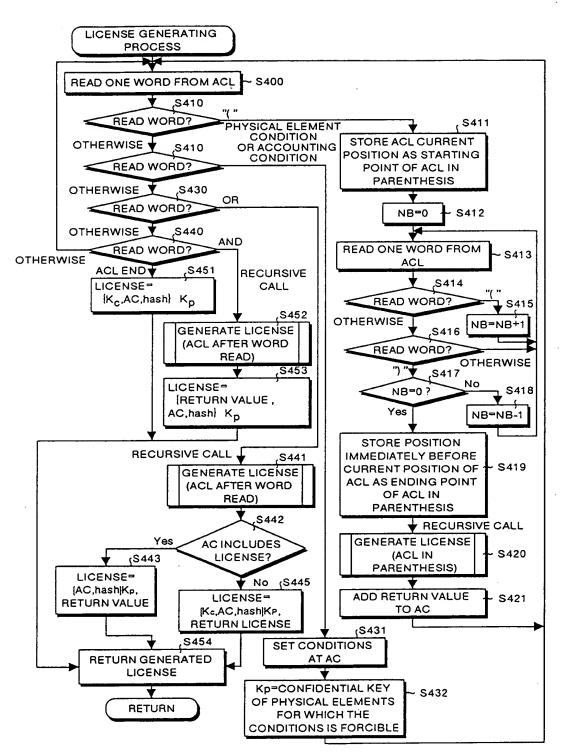
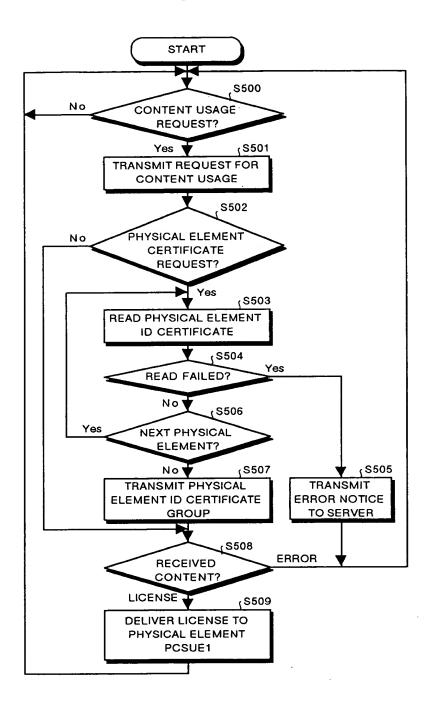
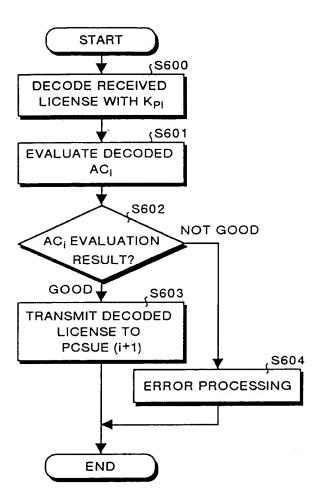


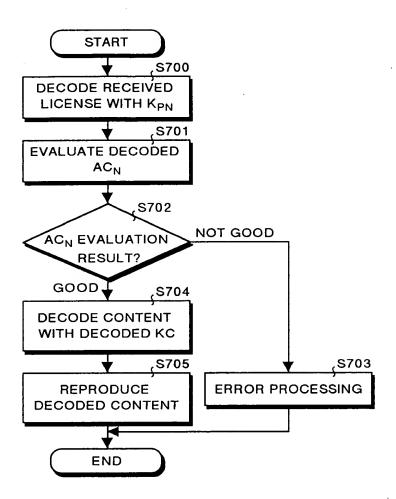
FIG.9

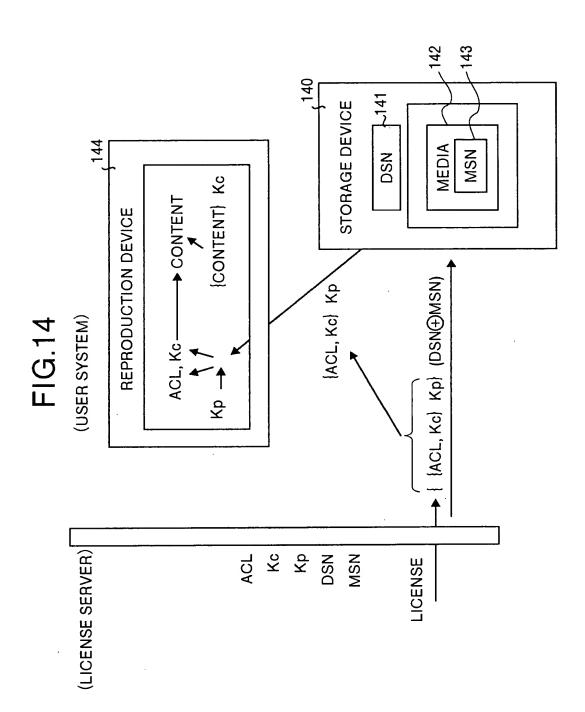


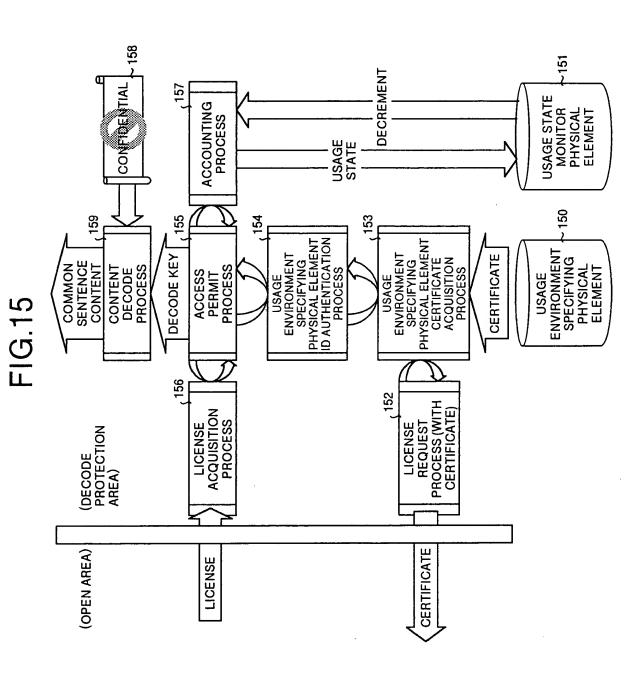












# DOBOTH WHENDO

YER				(D)		
DEVICE LAYER	0	1	0	(IC CARD)	0	0
DEVICE DRIVER LAYER	0	<b>!</b>	I			-
APPLICATION LAYER	I	0	0	٥	0	0
	GENERATION OF USAGE ENVIRONMENT SPECIFYING PHYSICAL ELEMENT OWNERSHIP CERTIFICATE	AUTHENTICATION OF USAGE ENVIRONMENT SPECIFYING PHYSICAL ELEMENT ID	SEARCH OF ACCESS CONTROL LIST	PROTECTION OF ACCORDING INFORMATION	CONDITIONAL ACCESS PERMISSION	DECODE

—: INCORPORATION NOT SO MEANINGFUL △: DANGEROUS ○: PROTECTION NOT TIGHT FOR PROFESSIONAL ◎: PROTECTION TIGHT

USER (OPEN AREA) CONTENT OPERATION ACCESS CONTROL FUNCTION CONFIDENTIAL PROTECTION AREA 204 CONTENT ACCESS CONTROL OPERATION REGISTRATION 200 COPYRIGHT HOLDER MANAGER (PHYSICAL OWNER)

FIG. 18

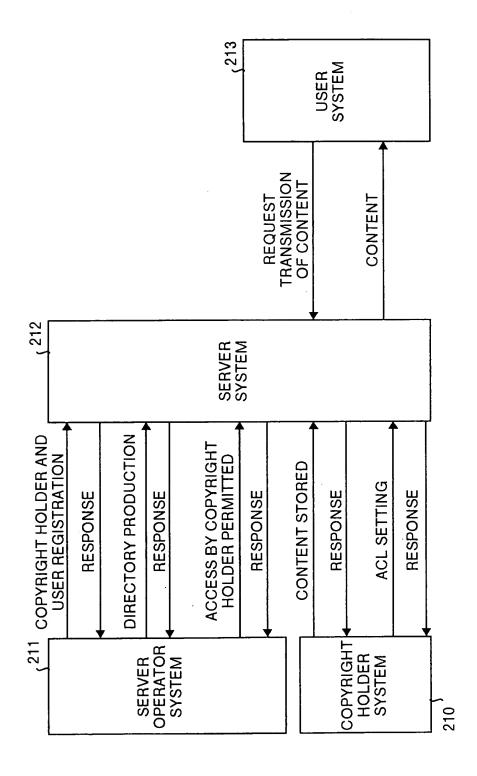
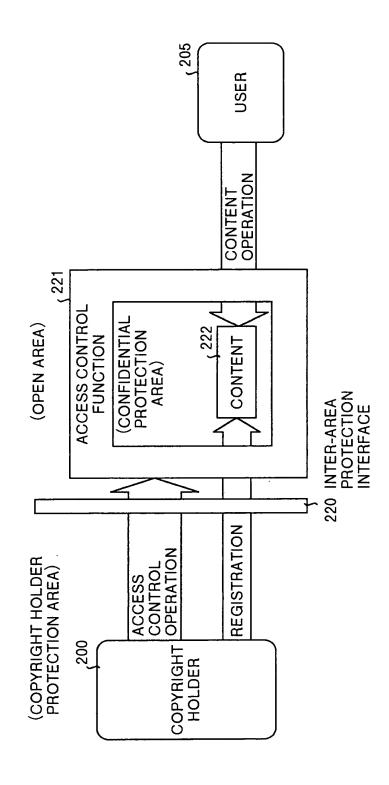
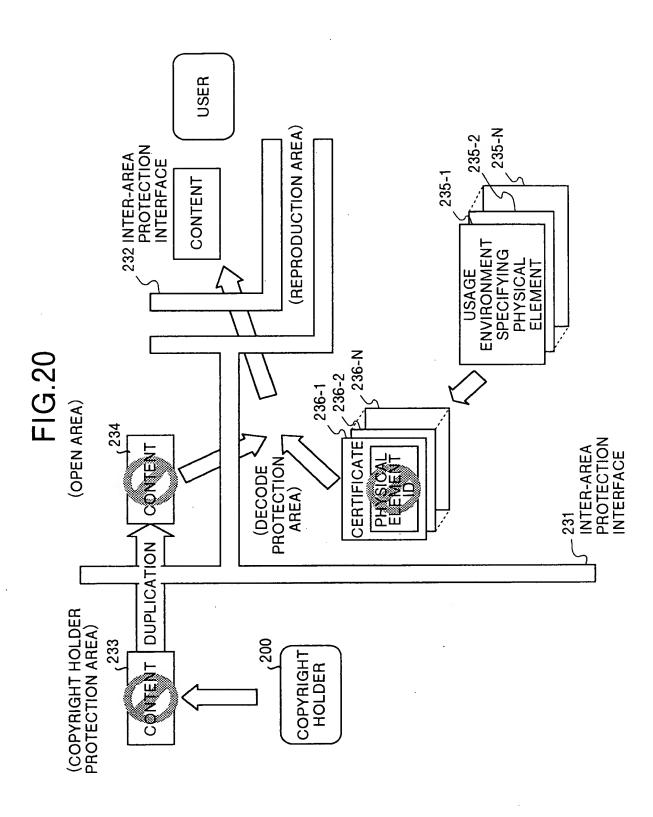


FIG. 19







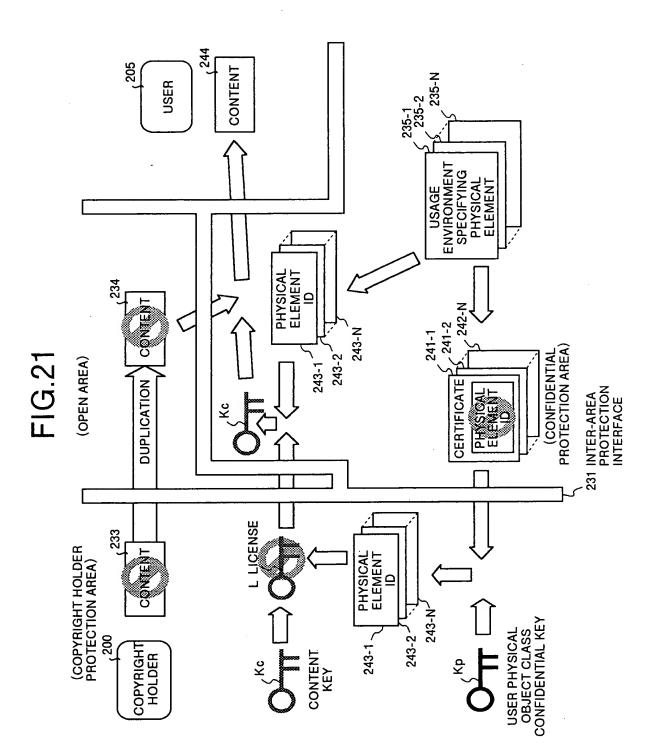






FIG.22

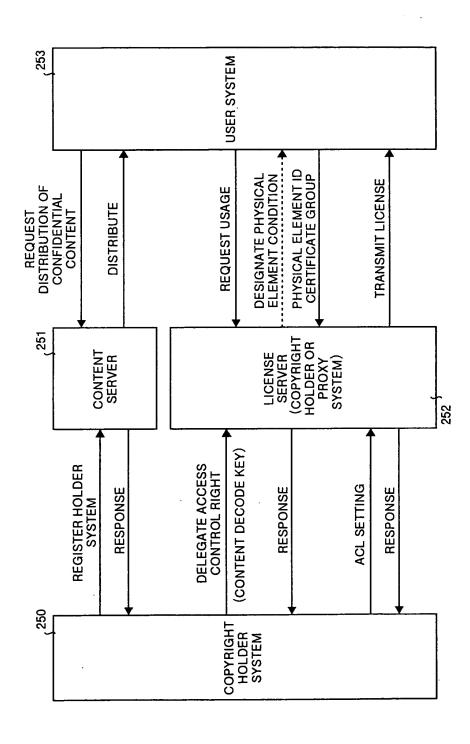


FIG.23

